

Construction Management Plan

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Construction Administration

1.1 Hours of Construction

Construction and installation of the roadway and municipal services shall only occur Monday through Friday between the hours of 7:00 a.m. and 5:00 p.m., and Saturday 8:00 AM to 5:00 PM, and there shall no construction activity on State or Federal holidays.

1.2 Truck Routes

Delivery Trucks and contractors will utilize the direct access off Rt 122 (north and south) to Wheeler Road.

1.3 Trash and Debris Removal

Construction Manager will be responsible for processing and recycling of construction waste and will contract with a licensed waste hauler having off-site sorting capabilities. All construction debris will be taken off site by the waste hauler, sorted as either recycled debris or waste debris and sent to the proper recycling center or waste facility. Evidence of this will be submitted to the Building Department before Building Permits are issued.

Construction Phasing

2.1 Road Schedule

See attached anticipated critical path schedule *note schedule may change and can be edited per month as construction and sales progress with notification to the Town Planning Department.

See Appendix A - Anticipated Excavation Schedule

Emergency Contacts

3.1 Project Manager/ Owner Rep Wheelrock, LLC

Chad Boardman cboardman@eastlandpartners.com Cell 508-294-0284

3.2 Road Excavation Manager Eastland Excavation

Phil Coraccio pcoraccio@eastlandpartners.com Cell 508-958-5620

3.3 Building Construction Manager Eastland Homes

Nick Colantuono ncolantuono@eastlandpartners.com Cell 781-789-7567

Noise and Dust Control

4.1 Tree Removal

Tree removal and chipping will be completed under the terms of the Town of Grafton BOH bylaws governing sound and noise. The tree clearing and chipping is estimated to be complete within 3 days weather permitting. Noise will meet standards as set forth by Federal and State Regulatory agencies. The Building Department will also review vibration and noise control measures deemed necessary.

4.2 Public Street Cleaning

Dust shall meet all air pollutant standards as set forth by Federal and State regulatory agencies. Measures will be in place to minimize dust from blowing across the site and onto Wheeler Road and adjacent properties. Any dirt tracked onto public ways shall be swept prior to the end of the construction day. A water truck will also be available at the site to suppress dust during excavation activities both off-site and on-site.

Blasting

5.1 Blasting Plan

Borings were performed at the site and large quantities of ledge were not found to date. Ledge refusal can appear at different locations and if found, the blaster as indicated will work with all Federal and State agencies, including jurisdiction given to the local Fire Department and State Fire Marshal. All required Pre-blast surveys will be sent out and performed under the rules of the State Fire Marshal. The blasting contractor indicated will obtain all necessary permits from the Fire Chief.

5.2 Selection of Blaster Contractor

If ledge is encountered, Nitro Drilling and Blasting, LLC will be the sole blaster at the site. Nitro Drilling and Blasting, LLC will coordinate all permits necessary to blast, including coordinating pre-blast surveys if needed, insurance requirements and permits by the Fire Chief and all other necessary blasting permits under Federal and State guidelines. No perchlorate will be used during blasting at any time.

Nitro Drilling and Blasting, LLC routinely uses the services of either Pentinen & Associates or Falvey & Associates for pre-blast surveys, both companies are located in MA.

Greg Mathews Nitro Drilling and Blasting, LLC

gmathews@nitrodrillingandblasting.com

Cell 978-423-6554

5.3 Pre-Post Blasting Survey (Scope & Content)

"When blasting takes place within 250 feet of a property not owned or controlled by the project, a survey has to be owned or controlled by the project, a survey has to be offered to the property owner at no cost to the owner." If blasting were to occur, a pre-blast survey will be sent certified mail to abutters within the 250 feet of the blast radius. Including but not limited to, interior and exterior documentation of the premises by video of walls, foundations, windows, ceilings, walkways, garages, stone walls, ect. documenting existing conditions.

5.4 Insurance Coverage

The blasting contractor will carry insurance for not less than \$1,000,000 for property damage in one occurrence and \$2,000,000 aggregate. The general contractor will also carry \$1,000,000 of comprehensive liability insurance.

5.5 Blasting Limits

The Commonwealth of Massachusetts blasting limits shall be observed. However, if, based upon the recommendation of the Grafton Fire Department feels that a lower limit is necessary to protect the site and the abutting residential neighbors, that lower limit shall be in effect.

5.6 Notification

Notification shall occur as required by law. Pre-blast surveys will be sent out to homeowners within the guidelines set forth by the State Fire Marshall.

5.7 Road Closures (if required)

In the event that a blast is near or on Wheeler Road, both a fire and a police detail will be called in to coordinate a temporary road closure. Depending on the activity, contractor will work with the Grafton Fire Department and Grafton Police Department in coordinating the necessary safety measures and possible school bus re-routing. In the event that blasting is necessary in Wheeler Road, the Grafton DPW and utility departments will be notified as well.

Construction

6.1 Staging Areas

Staging Areas of Equipment will be staged out of the 100-foot buffer zone of wetlands. Staging areas will be neatly arranged with job boxes and bulk construction materials. Video surveillance will be coordinated for public safety and vandalism measures. Portable sanitary facilities will be provided on-site as required by applicable codes at locations appropriate for construction staging. The facilities will be maintained on a regular basis as off-site odor mitigation.

6.2 Site Office Trailers

A small portable job trailer will be utilized at the site. The trailer may or may not have power. The trailer will not have a bathroom inside. The trailer will post the daily schedule and emergency contact numbers as well.

6.3 Storage Trailers

Storage trailers/Conex shipping containers will be used at different locations for the purpose of storing tools and construction supplies. Boxes that contain fluids will be stored out of the 100-foot buffer zone. All trailers will be locked.

6.4 Open Storage Areas

Open storage areas will be utilized to store bulk supplies of construction materials including pipe, concrete structures, piping, silt fence, lumber, and other associated bulk supplies purchased in large quantities.

6.5 Delivery Truck Holding Areas

Deliveries and Truck unloading will be done on the site only and not on Wheeler Road. Holding areas on the site will be designated by the construction supervisors. Hazardous or liquid materials will not be stored in the 100-foot conservation buffer zone.

6.6 Refueling Areas

All re-fueling areas will be out of the 100-foot conservation buffer zone areas on the construction site. The Order of Conditions for the project contain the same information.

Traffic and Parking (During Construction)

7.1 On-Site Locations

Parking will be designated on the site at different stages depending on the construction stage. Identified parking areas will be coordinated daily as construction progresses.

All parking will be on-site and not on Wheeler Road at any time.

7.2 Off-Site Locations

All parking will be located On-Site. There will be no parking allowed on Wheeler Road.

7.3 Snow Removal

Snow removal will be performed on the site and piled on designated storage areas as shown on the plans. Storage of snow will not be stored in detention ponds. Under no condition will the snow removed and disposed on public or abutting property. Snow plowing will be performed after 3 inches of snow has fallen for the future homeowners in the development. Sanding will occur as needed and required for public safety.

7.4 Police Details

Police details will be provided during construction activities on Wheeler Road as required to facilitate traffic flow. Construction procedures will be designed to meet all Occupational Safety and Health Administration (OSHA) safety standards for specific site construction activities.

7.5 Warning Signs

Entrance signs will be installed at the entrance off Wheeler Road. A warning sign will be installed North and South on Wheeler Road warning of trucks entering. Signage will direct traffic for staging areas and concrete washout areas. The construction site will have a sign indicating the name of the Construction Manager and its contact information including phone number and Internet address.